

Arboviral Surveillance Report

August 8, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 84 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts and positive WNV results remain elevated, with 54% of mosquito pools testing positive, indicating the risk for WNV continues to remain high.

Mosquitoes (data from 84 traps)

Week 31 (07/31/16 – 08/6/16)	
Total Collections (Number of Traps X Frequency of Collection)	160
Number of Female <i>Culex</i> Trapped and Tested	3,533
Number of Pools Tested	153
Number of Pools Positive	82
Number of Community Areas with Positive Mosquito Pools	32
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,343
Number of Female <i>Culex</i> Trapped and Tested	17,629
Number of Pools Tested	911
Number of Pools Positive	198
Number of Community Areas with Positive Mosquito Pools	33

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edison Park, Englewood, Forest Glen, Gage Park, Greater Grand Crossing, Humboldt Park, Irving Park, Lake View, Lincoln Park, Lincoln Square, Near West Side, New City, North Park, Norwood Park, O'Hare, Riverdale, Rogers Park, South Deering, South Lawndale, Uptown, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: 2 – unable to test

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 186 females and 97 males

Humans: 0

Risk Assessment

The risk of human West Nile virus infection remains high.

Larval and Adult Mosquito Control Efforts

We continue to monitor catch basins in treated and non-treated areas. Truck ULV adulticiding will occur both Tuesday, August 9th and Wednesday, August 10th in areas of the city with elevated risk.